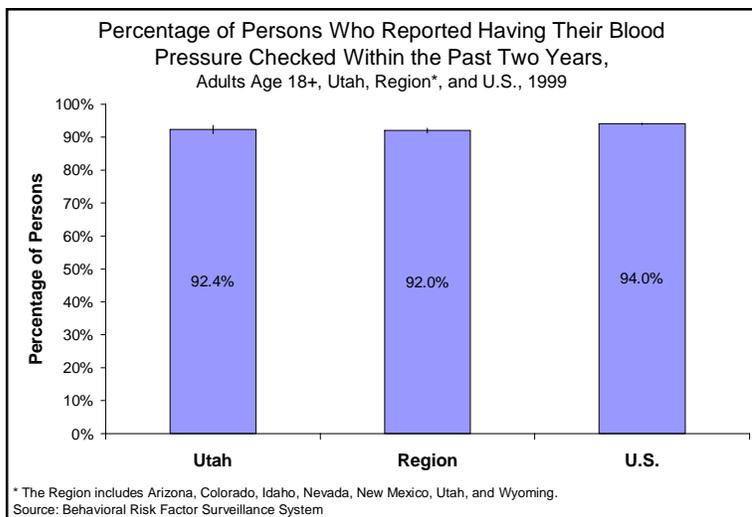


Blood Pressure Screening

Question: *How long has it been since you last had your blood pressure taken by a doctor, nurse or other health professional?*

Untreated high blood pressure increases the risk of stroke, coronary heart disease and heart failure. Early detection of high blood pressure allows treatment that can prevent these complications. Despite recent increases in the proportion of Americans who are aware that they have high blood pressure, a large proportion of Americans with high blood pressure still are unaware that they have this disorder.^{iv v} Therefore, frequent blood pressure screening is vital for people of all ages. While there remains a Healthy People 2010 objective regarding blood pressure screening every two years, the BRFSS data suggest that screening rates are high in all states and have remained high for some time.

Therefore, the above blood pressure screening question was eliminated from the BRFSS in 2001. The 2001 BRFSS does include two hypertension questions about whether or not a person has ever been told they have high blood pressure and whether or not they are currently taking medication for their high blood pressure.



- The estimated percentage of Utah adults who reported having their blood pressure checked within the past two years did not change significantly from 92.9% in 1991 to 92.4% in 1999.
- The Region and U.S., however, experienced a slight downward linear trend in the percentage of persons who reported having their blood pressure checked within the past two years. The U.S. data also indicated a significant non-linear trend which suggests a leveling since 1993.
- Utah has reached the Healthy People 2000 objective for blood pressure screening within the past two years. However, the BRFSS does not ask the respondent to state whether the blood pressure was normal or high when checked.

Utah Objective: By 2010, increase the proportion of Utah adults age 18 years and older who have had their blood pressure measured in the preceding two years to 95%.

HP2000 Goal 15.13: Increase to at least 90% the proportion of adults who have had their blood pressure measured within the preceding 2 years and can state whether their blood pressure was normal or high.

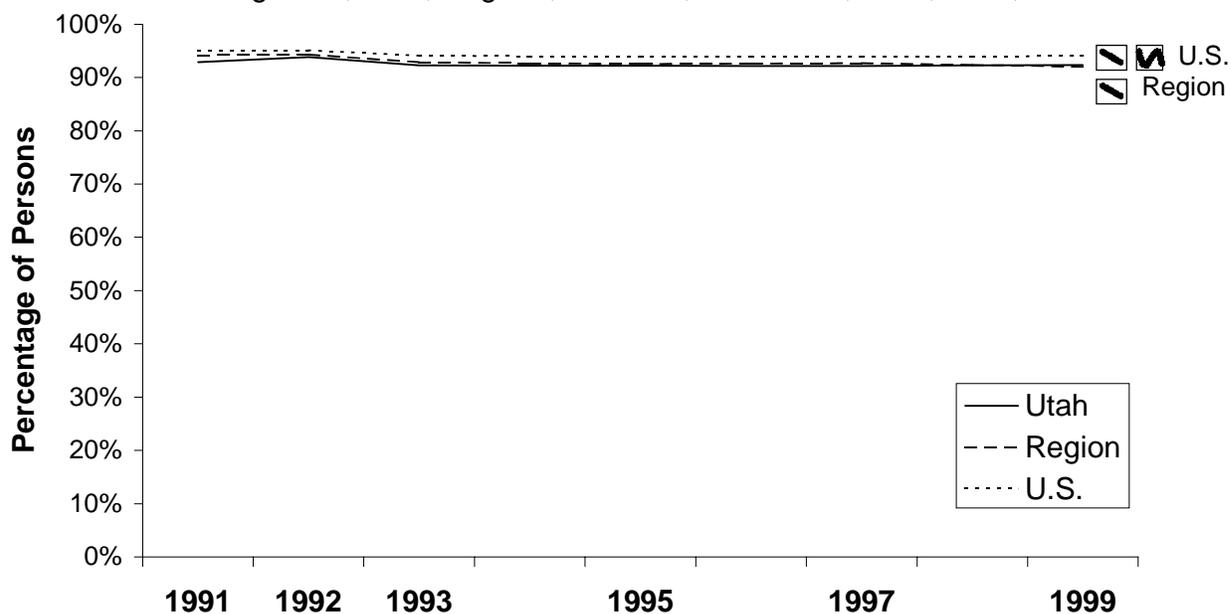
HP2010 Goal 12-12: Increase the proportion of adults who have had their blood pressure measured within the preceding 2 years and can state whether their blood pressure was normal or high to 95%.

CDI 40: Blood pressure screening among adults (percent of respondents age 18 years or older who report having their blood pressure checked within the past year).

CHSI: Not used.

Blood Pressure Screening

Percentage of Persons Who Reported Having Their Blood Pressure Checked Within the Past Two Years, Adults Age 18+, Utah, Region*, and U.S., 1991-1993, 1995, 1997, 1999



* The Region includes Arizona, Colorado, Idaho, Nevada, New Mexico, Utah, and Wyoming.
 Not all states participated in the BRFSS until 1994 (see Appendix A)
 Source: Behavioral Risk Factor Surveillance System

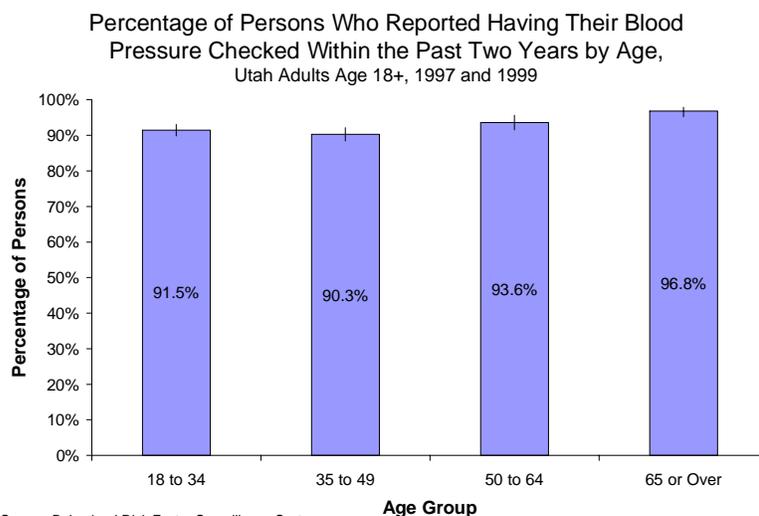
Year	Utah			Region			U.S.		
	Percentage of Adults	95% Confidence Intervals		Percentage of Adults	95% Confidence Intervals		Percentage of Adults	95% Confidence Intervals	
		Lower	Upper		Lower	Upper		Lower	Upper
1991	92.9%	91.6%	94.2%	94.2%	93.5%	94.8%	95.1%	94.9%	95.3%
1992	93.9%	92.6%	95.1%	94.3%	93.6%	95.0%	95.1%	94.9%	95.3%
1993	92.3%	90.8%	93.7%	92.9%	92.2%	93.6%	94.1%	93.8%	94.3%
1995	92.2%	90.9%	93.5%	92.5%	91.8%	93.2%	93.9%	93.6%	94.1%
1997	92.1%	90.8%	93.5%	92.7%	92.0%	93.4%	93.8%	93.6%	94.1%
1999	92.4%	91.1%	93.7%	92.0%	91.3%	92.8%	94.0%	93.8%	94.3%

 downward linear trend

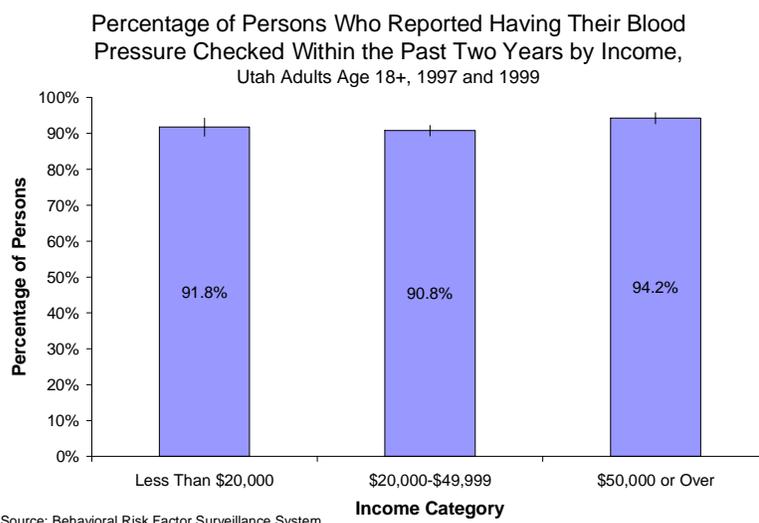
 non-linear trend

Blood Pressure Screening

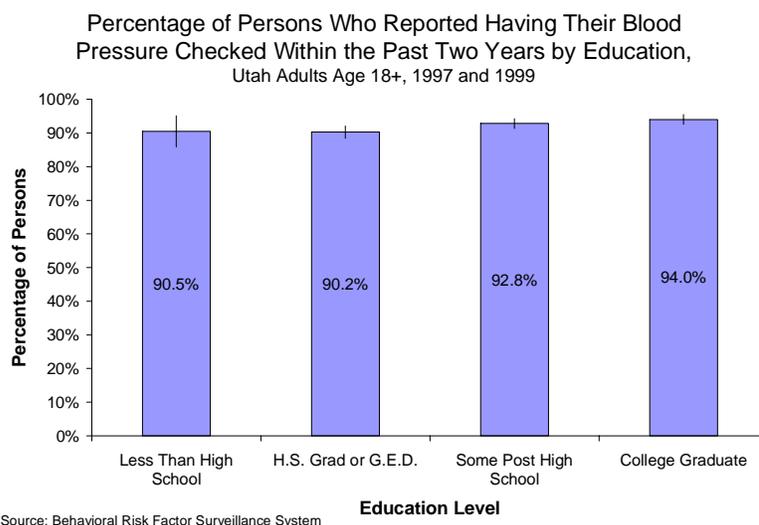
- In Utah, women were more likely than men to report having their blood pressure checked within the past 2 years. (not graphed) ($p < 0.0001$)
- The percentage of Utah adults who reported having their blood pressure checked within the past 2 years increased with age to a high of 96.8% in the 65 or over age group. ($p < 0.0001$)



- Utah adults with an annual household income of \$50,000 or over were more likely to report having their blood pressure checked within the past two years than those with annual household incomes less than \$50,000. ($p = 0.0060$)



- Utah adults with some college or more education were more likely to report having their blood pressure checked within the past two years than those with a high school education or less. ($p = 0.0272$)



Blood Pressure Screening

Percentage of Persons Who Reported Having Their Blood Pressure Checked Within the Past Two Years

by Selected Demographic Characteristics, Utah Adults Age 18+, 1997 & 1999.

Demographic Subgroup	Utah Population		Survey Estimates of Respondents Who Reported Having Their Blood Pressure Checked Within the Past Two Years					
	Distribution	Number of Adults ¹	Percentage of Adults Who Reported Having Their Blood Pressure Checked Within the Past Two Years	95% Confidence Intervals			Number of Adults ^{1, 2}	Distribution of Adults Who Reported Having Their Blood Pressure Checked Within the Past Two Years by Category
				Lower	Upper			
Had Blood Pressure Checked								
Within the Past 6 Months	68.3%	950,800						
6 Months to 1 Year Ago	15.9%	222,000						
1 to 2 Years Ago	8.0%	111,800						
2 to 5 Years Ago	4.7%	65,900						
5 or More Years Ago	2.8%	38,900						
Never	0.2%	3,200						
Total, All Adults Age 18+	100.0%	1,392,500						
Sex								
Males	48.7%	678,200	89.7%	88.1%	91.3%	608,300	47.4%	
Females	51.3%	714,300	94.7%	93.6%	95.7%	676,200	52.6%	
Total, All Adults Age 18+	100.0%	1,392,500	92.2%	91.3%	93.2%	1,284,400	100.0%	
Age Group								
18 to 34	37.0%	514,600	91.5%	89.9%	93.1%	470,700	36.6%	
35 to 49	31.4%	437,800	90.3%	88.5%	92.1%	395,300	30.8%	
50 to 64	17.5%	243,100	93.6%	91.5%	95.7%	227,500	17.7%	
65 or Over	14.2%	197,100	96.8%	95.3%	97.9%	190,900	14.9%	
Total, All Adults Age 18+	100.0%	1,392,500	92.2%	91.3%	93.2%	1,284,400	100.0%	
Race								
White, Non-Hispanic	90.9%	1,265,600	92.4%	91.5%	93.4%	1,169,800	91.1%	
Hispanic	5.6%	78,200	93.6%	90.4%	96.9%	73,200	5.7%	
Non-White, Non-Hispanic	3.5%	48,700	84.3%	75.6%	93.0%	41,000	3.2%	
Total, All Adults Age 18+	100.0%	1,392,500	92.2%	91.3%	93.2%	1,284,400	100.0%	
Income								
Less Than \$20,000	18.3%	254,600	91.8%	89.2%	94.3%	233,600	18.2%	
\$20,000-\$49,999	50.5%	703,400	90.8%	89.3%	92.3%	638,700	49.8%	
\$50,000 or Over	31.2%	434,500	94.2%	92.7%	95.8%	409,500	31.9%	
Total, All Adults Age 18+	100.0%	1,392,500	92.2%	91.1%	93.1%	1,284,400	100.0%	
Education								
Less Than High School	6.6%	91,900	90.5%	85.9%	95.1%	83,200	6.5%	
H.S. Grad or G.E.D.	30.5%	424,300	90.2%	88.4%	92.1%	382,900	29.8%	
Some Post High School	34.0%	473,200	92.8%	91.3%	94.3%	439,100	34.2%	
College Graduate	28.9%	403,100	94.0%	92.5%	95.5%	379,000	29.5%	
Total, All Adults Age 18+	100.0%	1,392,500	92.2%	91.3%	93.2%	1,284,400	100.0%	

1 Rounded to the nearest 100 persons.

2 Figures in these columns may not sum to the total because of missing values on the grouping variables.

Source: Utah Behavioral Risk Factor Surveillance System